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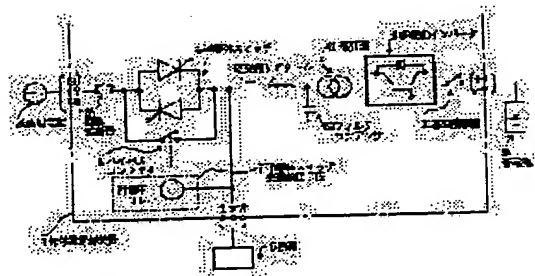
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## (54) CONTROL METHOD FOR UNINTERRUPTIBLE POWER-SUPPLY SYSTEM

## (57)Abstract:

**PURPOSE:** To improve reliability in power feeding to a load without interruption in power, by detecting misfiring at a semiconductor switch during power feeding from a commercial power supply, and feeding the power continuously from the commercial power supply through a bypass contact.

**CONSTITUTION:** When a semiconductor switch 4 has misfiring during the power feeding from a commercial power supply 2A, the misfiring state is detected by a semiconductor switch misfiring detection means 7 and a bypass contactor 8 is closed to continue the power feeding from the commercial power supply 2A to a load 5 through the bypass contactor 8. An output voltage to the load 5 is monitored through a voltage relay by the semiconductor switch misfiring detection mean 7. The three-phase AC output voltage is monitored by a voltage relay 71 and the logical sum of the output contact of the voltage relay 71 is used to close the bypass contactor 8 through an interlock circuit.



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